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Oil Spill Eater is Best Solution to Clean up Niger Delta -- Ndigwe

BY KEN NWOGBO | 06 FEBRUARY, 2012 14:09



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Martins Ndigwe is managing director / CEO of Mayakorp Nigeria Limited, a company that provides a provider of end to end converged communication and infrastructure solutions and IT services across West Africa. Ndigwe a mature and result oriented professional has nearly 20 years experience in the ICT space having worked as director, Global Technology

Services, at IBM West Africa. He was also regional enterprise manager, Financial Services, West Africa at Hewlett-Packard and sales manager at DCC Satellite and Networks (CWG Company). Mayakorp, the company Ndigwe formed with some other professional is a company of choice that is delivering exceptional customer's service and exceeding customer's expectation.

He spoke about his company and other issues in this interview with Ken Nwogbo.

Mayakorp and its Vision

We are a Company engaged in IT consulting services, human resource services, sales force management, and implementation of business strategy, business process re-engineering and Training on IT, sales and leadership.

On the ICT part, we provide end to end converged communication and infrastructure solutions and IT services to our customers.

Our services are built on a world-class, secure, resilient infrastructure, delivered according to global best practices in partnership with the world's leading technology vendors. Other solutions being offered by our company are managed services which include security and hosting services, data centre services and enterprise monitoring applications.

While on HR services, we offer human resources and industrial relations consultancy, bringing support and expertise to organizations and providing solutions to their employee-related needs. We operate and provide HR services both locally and in West Africa.

The scope of our service ranges from providing one off advice on labor matters to those services often found in HR & IR functions in organizations, providing more specialized support and expertise - such as organizational design & re-structuring, to customized projects. Chairing a disciplinary hearing also forms part of our services.

In addition, we are distributors to OSE International Corporation in the US on their oil spill eater solution for Nigeria and Ghana.

Our vision is to be the company of choice, delivering and exceeding customer's expectation and building true partnership.

Challenges of Service Provisioning

The business was founded in 2010 on the principle of developing solutions for corporate and other organizations to accelerate their business growth, mitigate risk and optimize profit. Our focus spans across top businesses as clients.

From listed companies to non-governmental organizations, local and national government and smaller companies, SME's and SOHO's enabling and evolving solutions to meet the business needs of thousands of customers. The company enjoys partnerships with major global players such as Cisco and Microsoft, HP and IBM, Samsung, VMware, O.R System, Oracle, Netapp, Today Mayacorp enjoys a strategic position as it delivers services including: Hosting, Access, security solutions, virtual private network (VPN), mobile solutions, and application services (ASP). Recent growth in the African economy has resulted in our interest spreading our services across all other parts of West Africa.

We are the representative of O.R System of France in Nigeria on their risk management and rating solutions targeted at FSI.

IT Education in Nigerian Schools and Specialized Trainings

We are presently working on a franchise with an IT training institute in India, with this in Nigeria, we are sure the landscape of IT education will be different positively, you will be the first to know when this happens.

Current National School Curriculum without Provision for ICT Education

This is absolutely not acceptable; we are in a digital age, any government that does not invest in IT will surely be left behind in the communities of nations. IT is the means of business communication today, an analogy is just imagine an illiterate trying to do business in this age, this is what lack of IT skills is in today's business environment.

Oil Spillage Cleaning Solution and Niger Delta

This solution basically is emulating Mother Nature in bioremediation of oil spill. We are distributors to OSEI Corporation in the US, the owners of the solution. We need to first explain what happens In Mother Nature when a hazardous material is spilled.

There is a myriad of bacteria everywhere on the planet. Where a toxic spill comes in direct contact with bacteria, those bacteria is killed or dies off. Bacteria that is proximal [near] to the spill but not in direct contact, reacts in several ways: First, the bacteria separate themselves far enough away so as to protect themselves from the toxicity of the spill, second, the bacteria then releases enzymes and biosurfactants to attack the spill and third, the biosurfactants emulsify and solubilize the spill.

What this means is the biosurfactants will break up and partition the spill into a manageable consistency. In other words, it is breaking down the molecular structure of the spill or detoxifying it, so it can be used as a food source. The enzymes then form binding sites on the emulsified or solubilize spill and this is where the bacteria will initially attach themselves and start the digestive process.

There have to be large amounts of bacteria for this process to take effect, and, if left solely to nature, it is a long process for bacteria to acclimate themselves to a spill. It then takes further time for the bacteria to release enzymes and surfactants.

One of the limiting factors is the number of bacteria present to produce and release enough enzymes and surfactants to get the process started.

This is why you hear scientists talk about adding nutrients to jumpstart the rapid growth of bacteria so enough enzymes and biosurfactants can be released to affect the mitigation of the spill.

However, nutrients alone have limited uses because of concentration requirements which are compromised in various environments—washed away or diluted by wave motion—and that, compounded with the time it takes to grow a large population of bacteria, reduces their effectiveness.

Wouldn't it be nice if there were a means of emulating Mother Nature while at the same time, speeding up the process to mitigate in hours, days or weeks what Mother Nature takes months and/or years to handle on her own? Yes, and this is what OSEI is all about, we have the capacity and the resources to manage the Bonga and other Oil spills in Niger Delta region or any other region.

In addition, this solution can be used in the cleaning all the oil depots, fuel dumps, mechanic workshops, generator sites etc where oil spill is almost natural.

We are in the process of building the channel for this in Nigeria and Ghana, companies interested can contact for more details.

Is this Solution Harmful to the Environment?

Absolutely not, this is the same solution that was used in the Gulf of Mexico oil spill some year back. As I stated earlier, this is mother nature remediation enhanced.

Oil Spill Eater II (OSE II) is the world's most environmentally safe and cost effective bioremediation process for the mitigation of hazardous waste, spills and contamination virtually anywhere of any size, large or small.

OSE II is an environmentally safe cleanup method because it uses nature's own bioremediation processes to effectively eliminate hazardous materials.

OSE II is listed on the US Environmental Protection Agency's National Contingency Plan for Oil Spills (NCP).

OSE II is not a bacteria (bug), fertilizer or dispersant product.

OSE II is a biological enzyme that converts the waste into a natural food source for the enhanced native bacteria found in the environment. The end result of this process is CO₂ and water.

OSE II will reduce your cleanup costs and permanently eliminate the hazardous waste problem in place, with no secondary cleanup required.

Since 1989, OSE II has safely remediating numerous types of hazardous materials on the ground, in the ground and in the water

Proof of Concept

In the past five years or so, for instance, in 2008- OSE II was used by Hazco Environmental, Jim McKee, to clean up a fuel truck spill that overflowed an underground storage tank that filled up a telephone ground box with 8200 gallons of diesel fuel, 2008- OSE II was used By the Kachi Corporation to clean up 18000 cubic meters of soil in Nagoya. The soil contained crude oil and the clean up was headed by Masa Kachi.

2009- OSE II was used by Shaw Environmental for the US Navy vessel Yorktown to clean its bilge, ballast water, and its deck. Frank McCune headed up the clean up. 2009- OSE II was used by R&W Builders on Scott Airforce Base USA. They were laying down a butimus for roads, when a sudden storm came up overflowed their oil tanks, which caused all the oil butimus and oil to cover approximately 16 acres of soil. The drains were plugged so the water a could not drain off so it spread out over the air force base. OSE II was used to clean the oil off the soil and from one section of a nearby creek

2010- OSE II was used in Ghana, by Daniel Egya Mensah to clean oil from the port of Tema.

2010- OSE II was used by Mary Economacou of Greece with Dimitris have used OSE II for a Greek government job named Go creek to clean up 500,000 meters of oil contaminated soil.

2010- The OSEI Corporation became approved by the Kuwait Focal Point group to perform a significant part of the UN Oil Lake Project, to clean up 49,000,000 cubic meters of soil from Saddam Hussien setting fire to the 378 oil wells in Kuwait.

2011- The OSEI Corporation is in final negotiations with the Chinese government inDalian China through Dr. Niam . She who tested OSE II successfully last fall. Once the temperature rises to average above 40 F then the final negotiations to clean up the 400,000 gallons spill will finalize.

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Solution to Niger Delta Oil spill

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